METROPOLITAN GOVERNMENT of NASHVILLE and DAVIDSON COUNTY TENNESSEE
Metropolitan Health Department
Pollution Control Division
311 - 23rd Avenue North
Nashville, Tennessee 37203
Telephone: (615) 340-5653
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FUEL BURNING PERMIT APPLICATION

One copy of this form must be completed for each stack emitting flue gases to the atmosphere

1. Company Name: Phone No. ( )

   Physical Location:

   Mailing Address:

   Emission Source Number: SIC Code: SCC Code:

2. Indicate the purpose of this application: Construction Permit: Operating Permit: Revised Operating Permit:

3. List all fuel burning equipment at this installation discharging flue gases to the stack identified below:

Stack No.	Boiler No.	Rated Capacity 10^6 BTU/Hr	Type of Firing	Primary Fuel	Standby Fuel No. 1	Average Annual

4. Year of installation or last modification (each boiler):

5. Maximum operating schedule: Hrs/Day: Hrs/Year:

6. Fuel usage rates used to calculate potential emissions reported in Item 16:

Type of Fuel	Maximum Firing Rates Per Hour	Per Day	Per Year	Units	BTU Content	Sulfur Content	% Ash (Coal Only)

7. Air pollution control equipment:

Type of Air Pollutant Controlled	Year Installed	Type of Equipment	Capture Efficiency (%)	Control Efficiency (%)	Overall Capture & Control Efficiency (%)

8. Is an emission monitoring and recording instrument attached to this stack or emission point? Yes _____ No _____
If yes, describe: _____

9. Indicate dimensions of the largest nearby structure: Height _____ (Ft) Length _____ (Ft) Width _____ (Ft)

10. Indicate the stack height above grade: _____ (Ft)

11. Inside diameter of stack at top: _____ (Ft)

12. Normal exit gas temperature: _____ (° F.)

13. Exit gas velocity at stack conditions: _____ (Ft/Sec)

14. Exit gas volume: _____ (ACFM) _____ (DSCFM)

15. Percent of heat used for space heating: _____ %

16. Regulated and hazardous air pollutant emission data for this emission point:

Type of Pollutant Emitted	Check One Yes	Check One No	Air Pollutant Quantity	Air Pollutant Units	Potential Mass Emission Lb/Hr	Potential Mass Emission Lb/Day	Potential Mass Emission Lb/Yr	Method of Estimating
Particulate								
Sulfur Dioxide								
Nitrogen Oxides								
Carbon Monoxide								
Volatile Organic Compounds								
Other:								
Other:								
Other:								
Other:								

*Attach a copy of the test results, process material balance study, or other basis used to estimate the potential emission rate of each air pollutant

17. I hereby certify that to the best of my knowledge the information contained in this application is true, accurate and complete.

_____ _____
Type or Print Name of Responsible Official Title

_____ _____
Signature of Responsible Official Date

INSTRUCTIONS FOR COMPLETING A FUEL BURNING PERMIT APPLICATION

One application form must be completed for each stack emitting flue gases to the atmosphere. More than one form may be needed to complete an application for a facility having multiple boilers vented to more than one stack. The application must be accompanied by a cover letter explaining the purpose of the application and the fee required by

Code of Laws.

The instructions for completing this form are as follow:

Item 1: Report the company name, physical location, mailing address and telephone number along with the primary Source Industrial Classification (SIC) code and the Source Classification Code (SCC).

Item 2: Identify the purpose of the application by checking the appropriate space.

Item 3: List and describe each piece of fuel burning equipment vented to this stack and attach a sketch or plot plan of the facility by showing the location of the boiler stack, the distances to the adjacent property boundaries and the names of the owners or tenants of the adjacent properties.

Item 4: Indicate the date of proposed installation of a new boiler or the dates that the existing boiler(s) was installed or last modified.

Item 5: Report the maximum operating schedule to be used for projecting potential emissions. Twenty-four hours per day and 8760 hours per year must be used unless the facility is proposing to be restricted to something less than the potential operating schedule.

Item 6: Report the type and amount of fuels used to calculate the potential emission rates reported in Item 16 on this form. Please include the appropriate units such as tons of coal, cubic feet of natural gas, gallons of oil, etc.

Item 7: Indicate each type of air pollution control equipment that the facility will be taking credit for in reducing an air pollutant emission rate along with the date that the equipment was or will be installed and the capture and control efficiency. Attach a copy of the manufacturer's literature describing the control system, a copy of the warranty regarding capture and control efficiency, and the operating parameters that must be maintained in order to achieve the reported efficiencies such as pressure drop, primary and secondary voltage, etc.

Item 8: Indicate whether or not a continuous emission monitoring system has been or will be installed on this stack and if so, describe the equipment and indicate an analysis indicating that the equipment will comply with any applicable performance and equipment specifications outlined in Appendix B of 40 CFR Part 60.

Item 9-15: These items are self explanatory.

Item 16: Identify each regulated and hazardous air pollutant emitted through this stack, report the concentration and potential mass emission rate of each pollutant and indicate the method of estimating the emission rate, i.e., test data, emission factors, etc. The emission rates must be reported in terms corresponding to any applicable regulation.

Item 17: The responsible official must sign and date this form to certify that the information on the application is true, accurate and complete to the best of his knowledge.